

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
10.11.1999 Bulletin 1999/45

(51) Int Cl.⁶: G01D 18/00, G01R 35/04

(43) Date of publication A2:
11.11.1998 Bulletin 1998/46

(21) Application number: 98303053.7

(22) Date of filing: 21.04.1998

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: Turner, Michael James
Headingley, Leeds, LS6 3AY (GB)

(74) Representative: Hale, Peter et al
Kilburn & Strode
20 Red Lion Street
London WC1R 4PJ (GB)

(30) Priority: 09.05.1997 GB 9709498

(71) Applicant: SWITCHED RELUCTANCE DRIVES
LIMITED
Harrogate, North Yorkshire HG3 1PR (GB)

(54) Transducer offset compensation

(57) A transducer circuit, particularly for monitoring current, compensates for offset in the transducer output by sampling the output periodically at a moment at which the output is known and storing the sampled value as an offset. The offset is compared with subsequent out-

puts from the transducer to provide a difference signal which is the compensated output of the transducer. When the calibrated output of the transducer is non-zero at the said moment, the non-zero value is added as a reference to the compensated value to correct the magnitude of the transducer output.

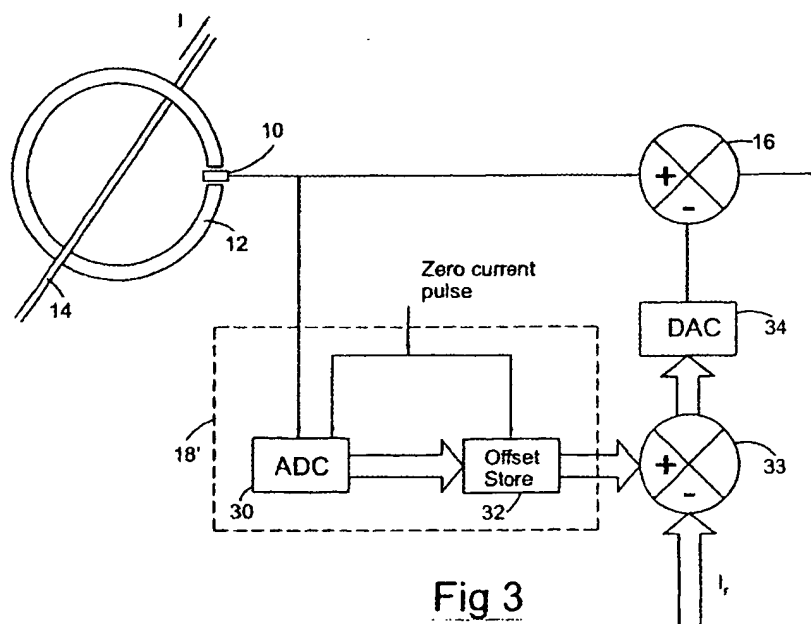


Fig 3



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 98 30 3053

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G01R G01D
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 20 September 1999	Examiner Hijazi, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after, the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 03/02 (F04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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